

**ABSTRACT**

The radio resource management server 1 receives radio link quality information measured by the radio base station 2 and radio link quality information measured by the radio base station 3 and thus detects the occurrence of interference. Upon the occurrence of the interference, the transmission power of the radio base station causing the occurrence of interference is controllably reduced to suppress the interference. In the method of controllably varying the transmission power of a radio base station, depending on the number of radio terminals or traffic volume, oscillation of a service area occurs. However, according to the present invention, the transmission power is changed on the occurrence of interference, without depending on the number of radio terminals or traffic volume, so that the area oscillation does not occur after the transmission power has been once stabilized.